



National Weather Service  
Lake Charles, Louisiana  
2:30 pm Thu Jan 21 2016

# Weekly Weather Update

By Roger Erickson, Warning Coordination Meteorologist

## TOP STORY:

**After strong to severe storms today, it will turn windy later tonight and Friday. A cooler and dry period will occur this weekend. Low rain chances will be seen early next week.**

	Low Temperatures	High Temperatures	Chance for Rain
Friday	40-48 F	45-50 F	20-30% early am
Saturday	29-34 F	50-55 F	0%
Sunday	30-38 F	57-63 F	0%
Monday	45-55 F	65-70 F	20-30%
Tuesday	45-50 F	55-60 F	30-40%
Wednesday	35-40 F	53-57 F	20%
Thursday	35-40 F	55-60 F	5%



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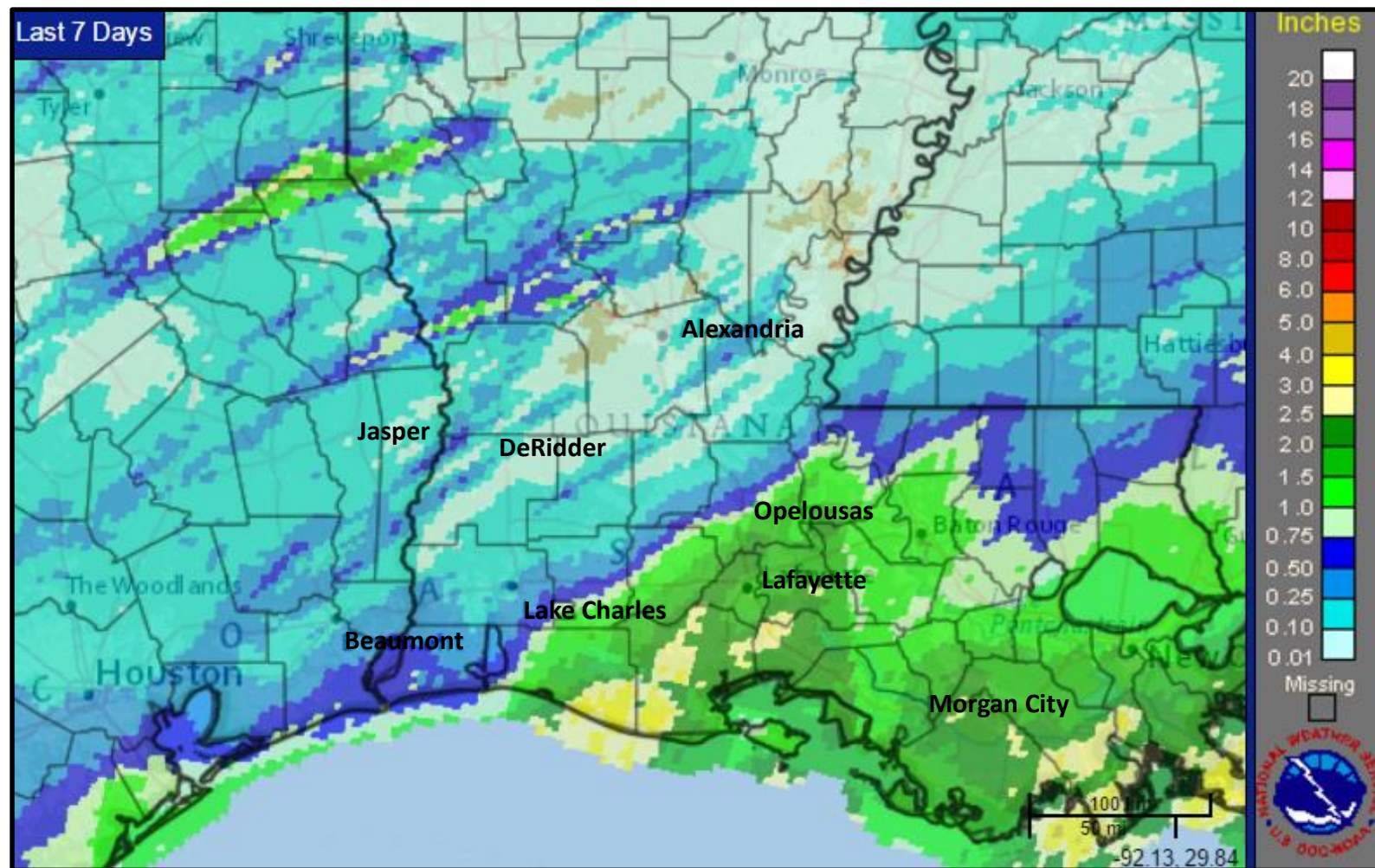
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# Rainfall in the Past Week

The most rain was seen east of a Cameron to Jennings and Opelousas line, where one to three inches of rain fell.



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# Atchafalaya River Forecast

Forecast Point	Flood Stage	Latest Reading	Estimated Crest	Crest Date
Acme	48	47.5	47.6	Monday, January 18 <sup>th</sup>
Simmesport	47	40.8	41.4	Monday, January 18 <sup>th</sup>
Melville	34	32.3	32.7	Monday, January 18 <sup>th</sup>
Krotz Springs	29	28.8	<b>29.2</b>	Monday, January 18 <sup>th</sup>
Butte LaRose	20	<b>20.2</b>	<b>20.3</b>	Monday, January 18 <sup>th</sup>
Myette Point	15	12.2	12.3	Thursday, January 21 <sup>st</sup>
Morgan City	6	<b>8.0</b>	<b>8.0</b>	<b>Currently ongoing</b>

Many places along the Atchafalaya River have crested this week. Morgan City is still near crest, and could rise an additional tenth or two today based on the line of thunderstorms moving through the area later this evening. The river will be slowly falling over the next week.



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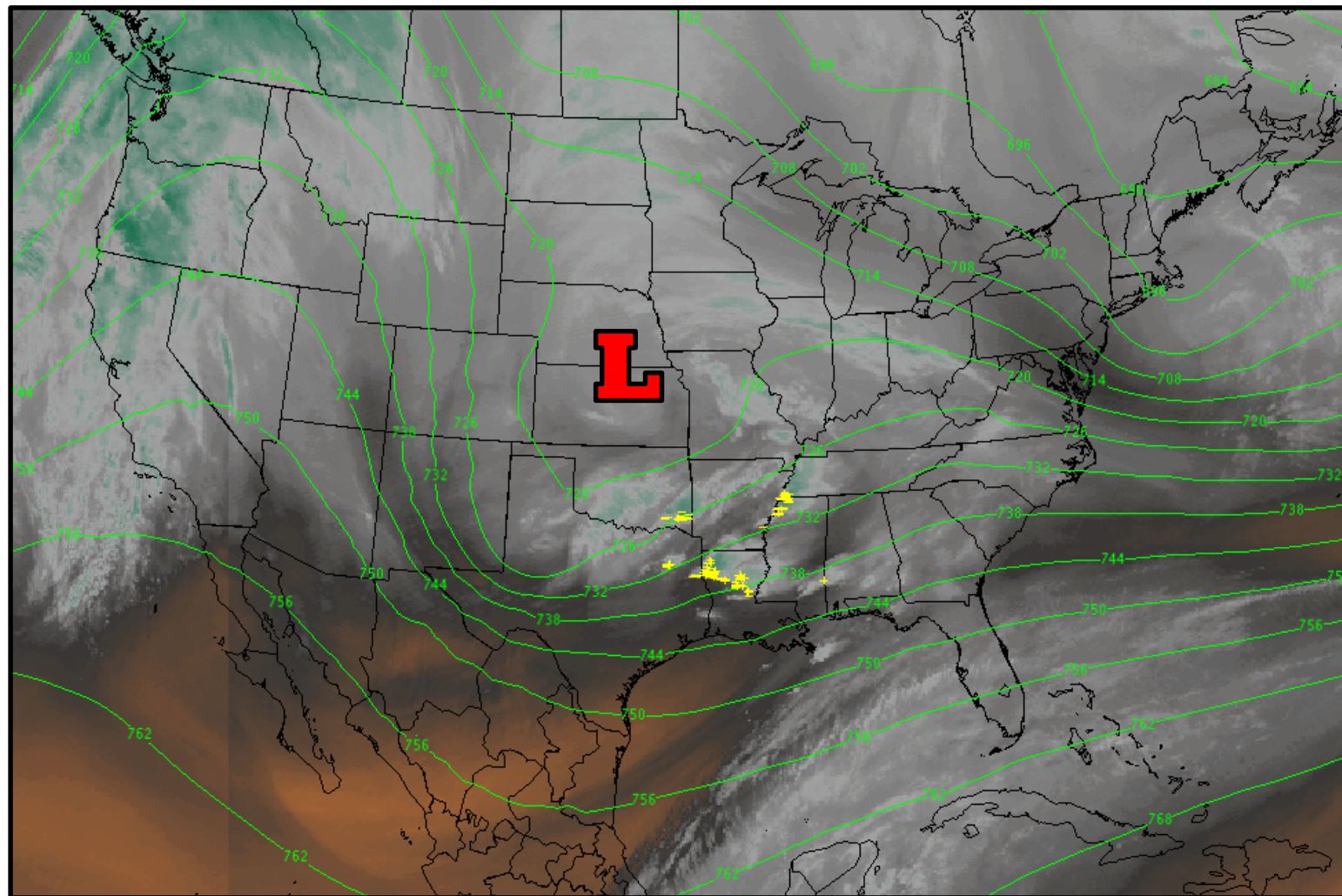




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# US Water Vapor Weather Satellite

An upper level low is over Kansas, while a trough stretches further south into Texas.



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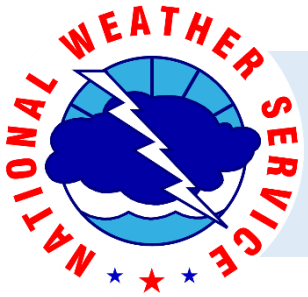
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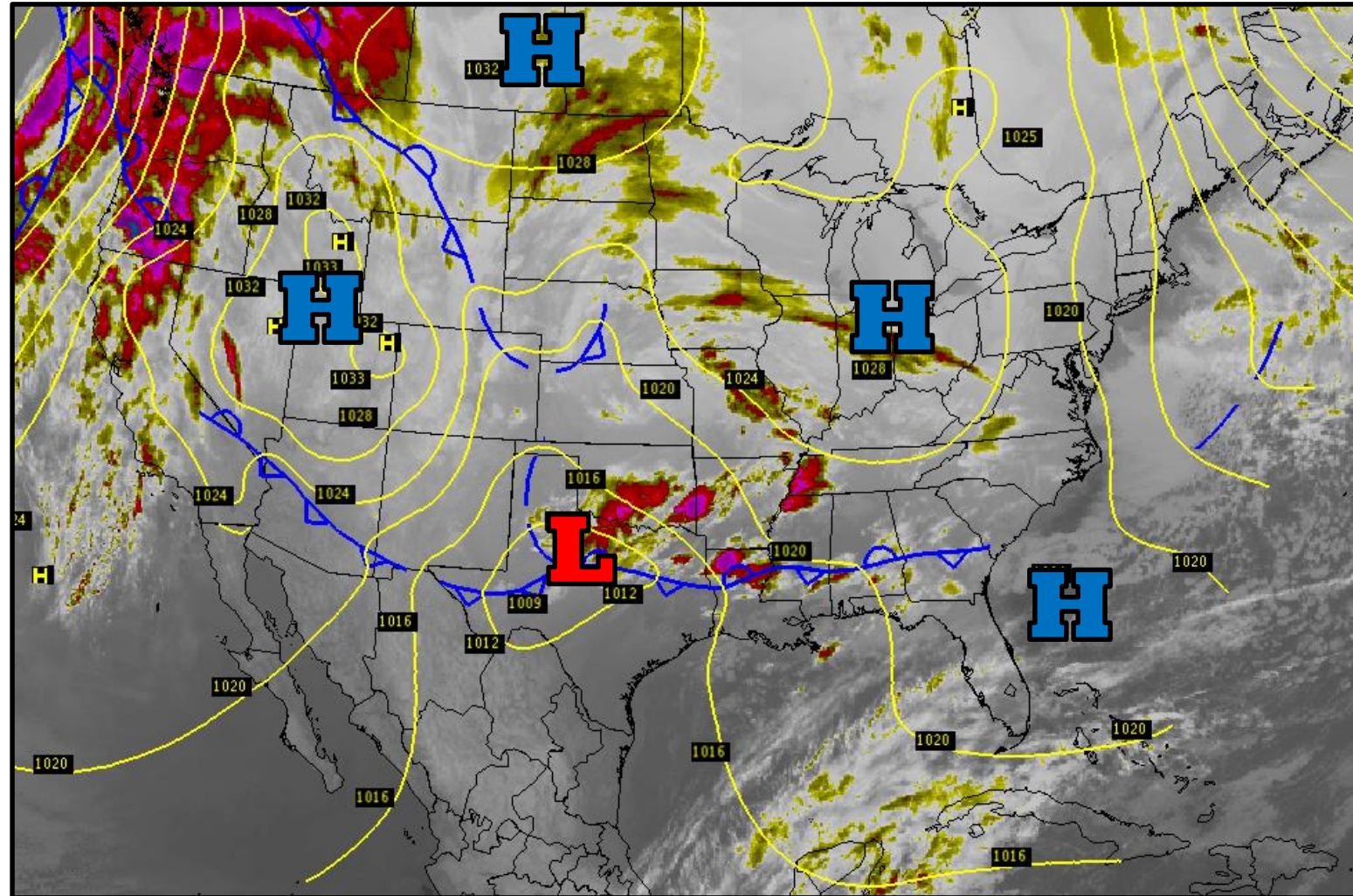
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# US Infra-Red Weather Satellite

A low pressure system in Texas will move east across the southern US, and eventually turn into a nor'easter along the east coast.



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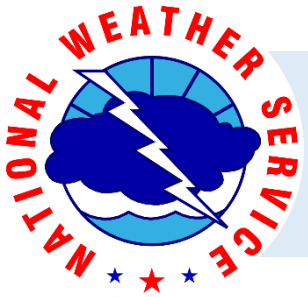


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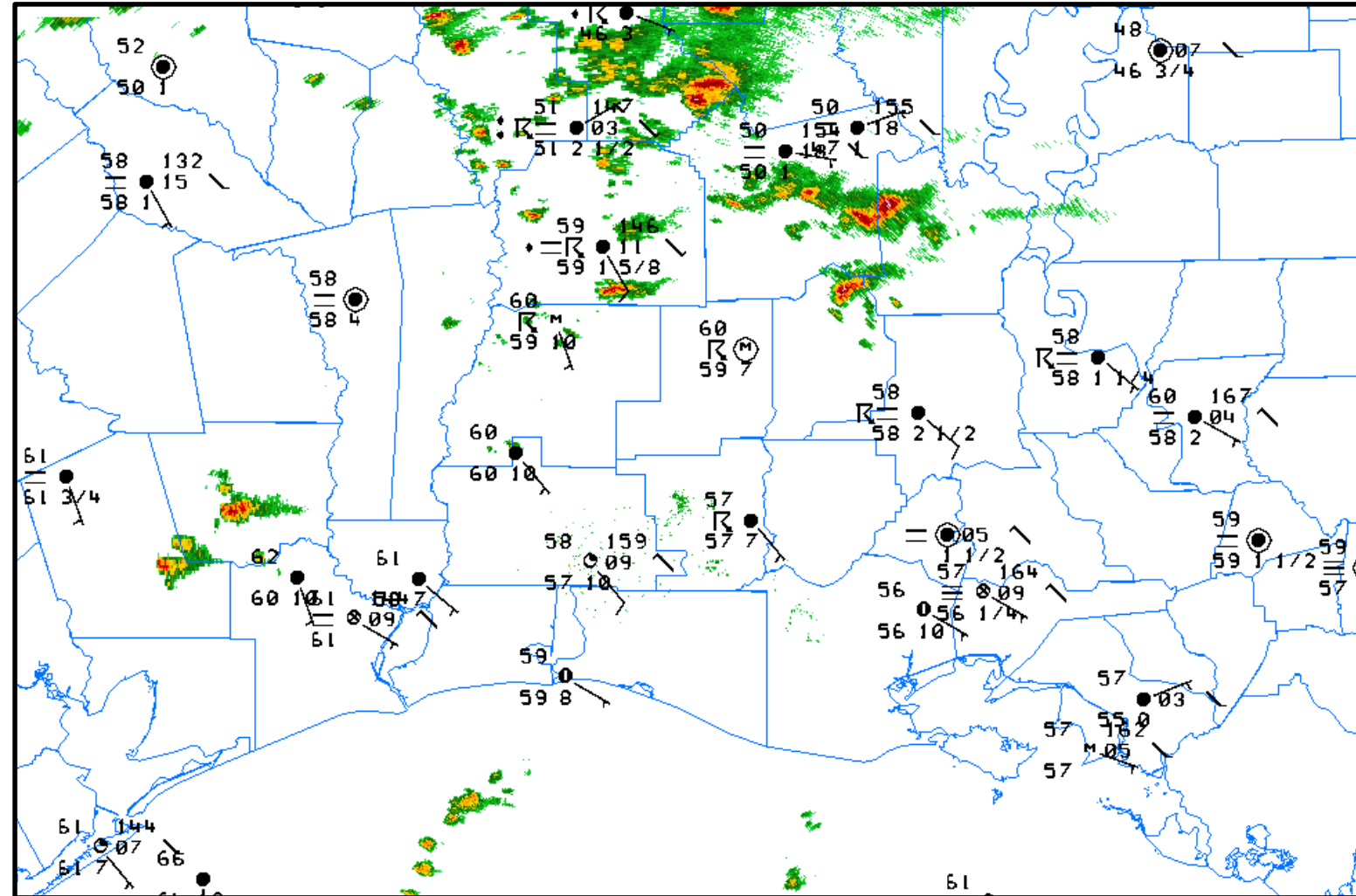




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# 6 am Weather Observations

Temperatures ranged from 50 F at Esler Field and Alexandria to 62 F at Beaumont Muni. Winds were from the southeast at 5 to 10 mph. Patchy fog was seen in places, and a few showers and thunderstorms were in central Louisiana and southeast Texas.



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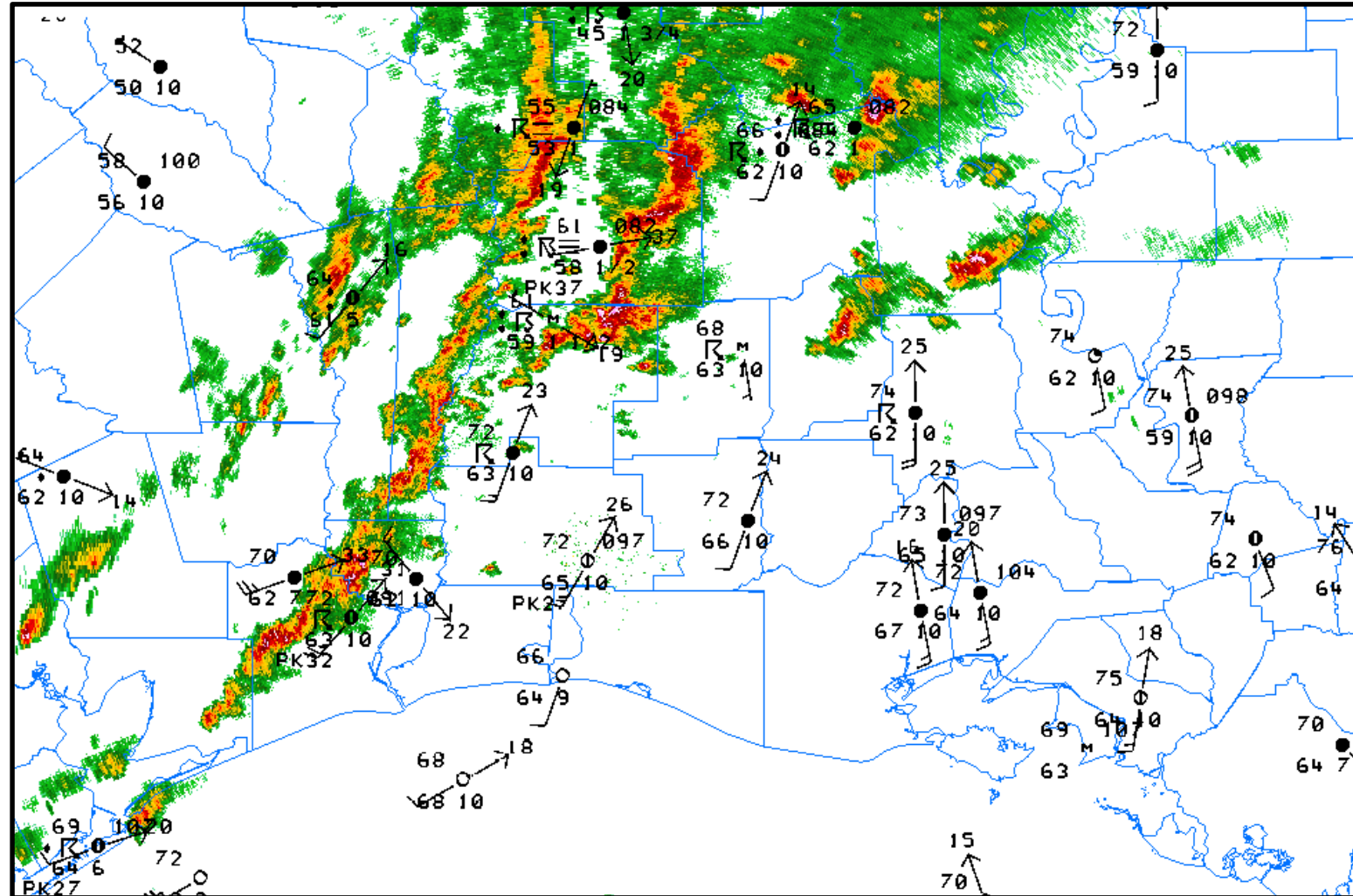
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## 2 pm Weather Observations

Temperatures were in the lower 70s ahead of the line of thunderstorms, with strong south winds gusting to 25 to 30 mph. In the rain-cooled air, temperatures were mainly in the 60s.



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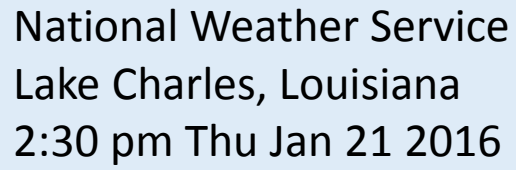
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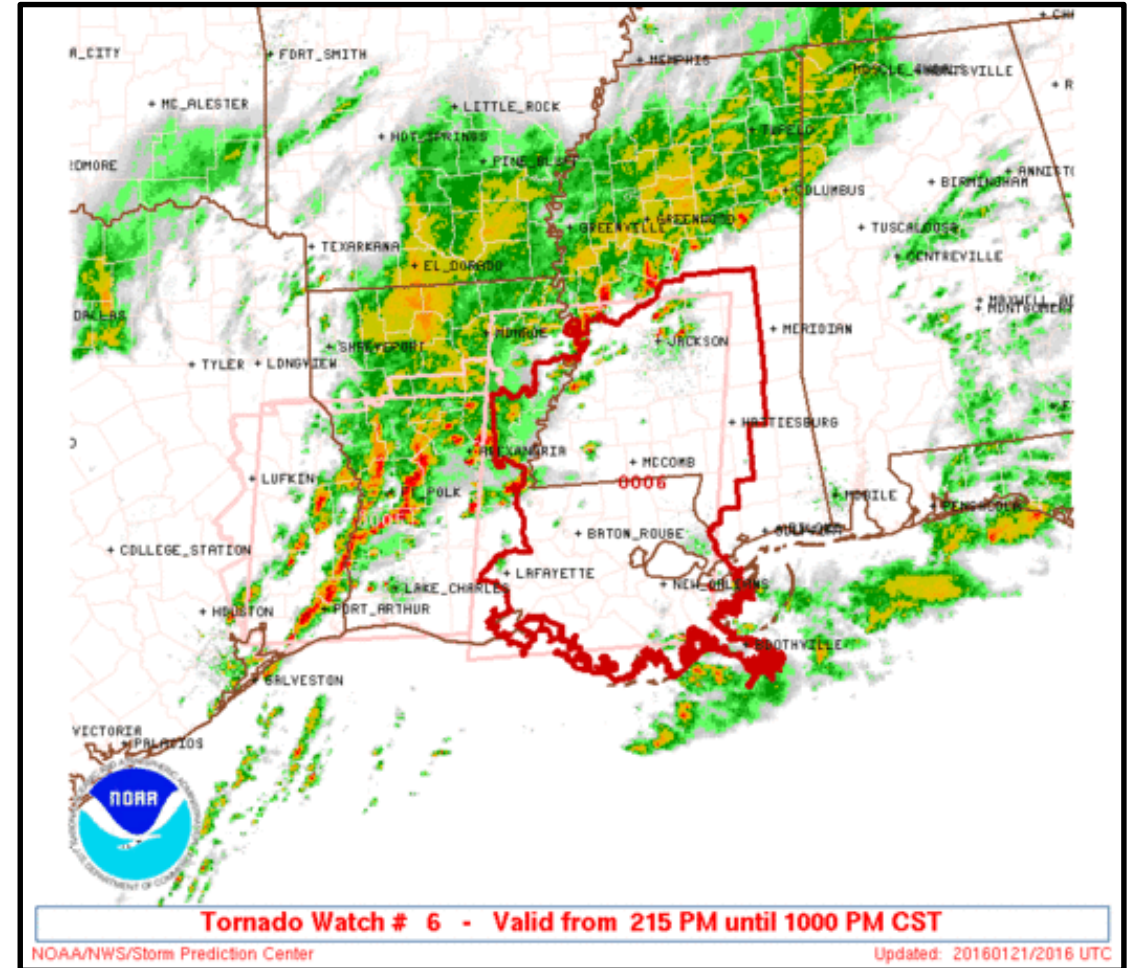
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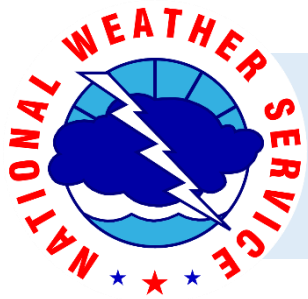
**Tornado Watch # 6 - Valid from 215 PM until 1000 PM CST**

NOAA/NWS/Storm Prediction Center

Updated: 20160121/2016 UTC

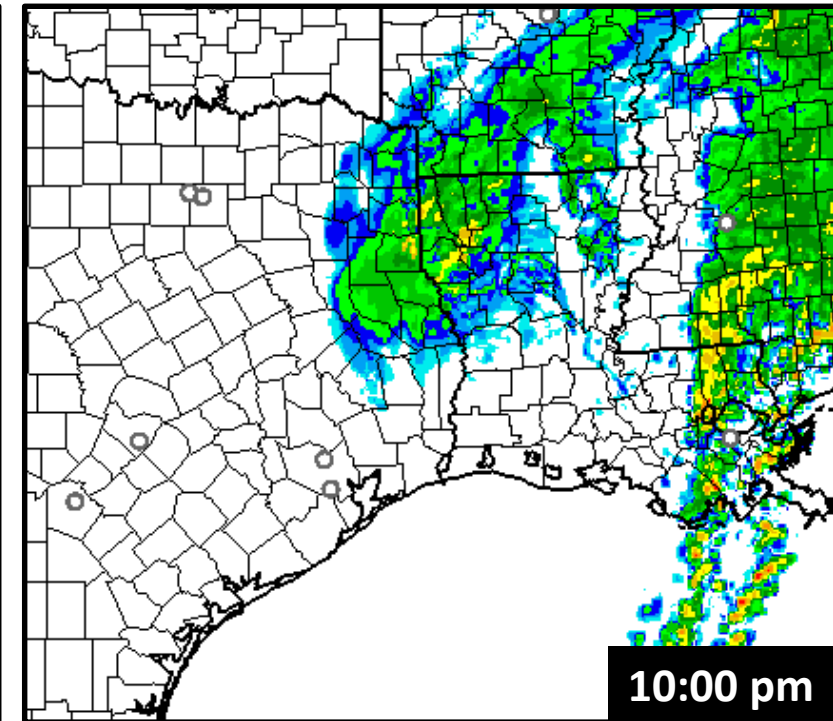
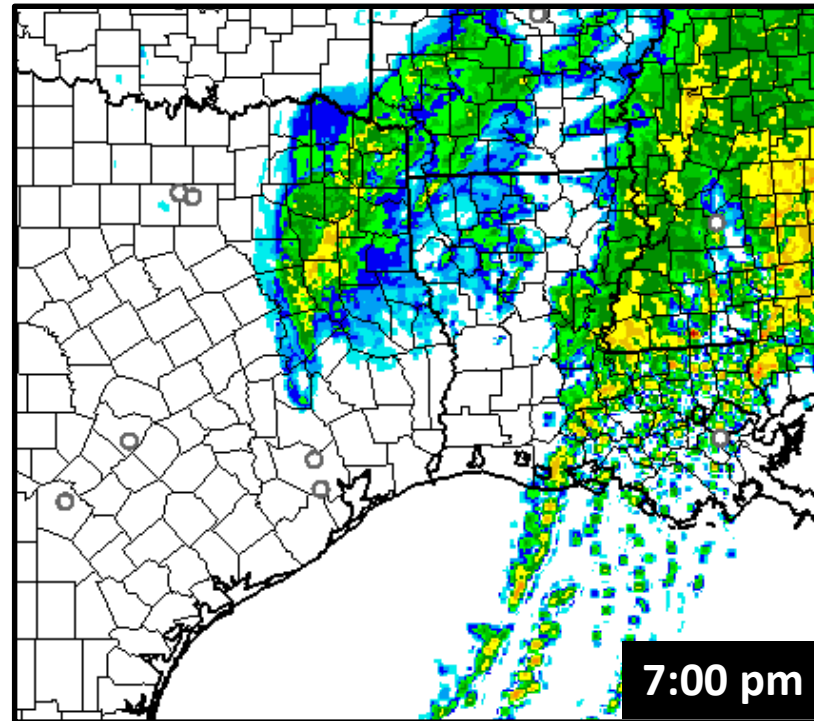
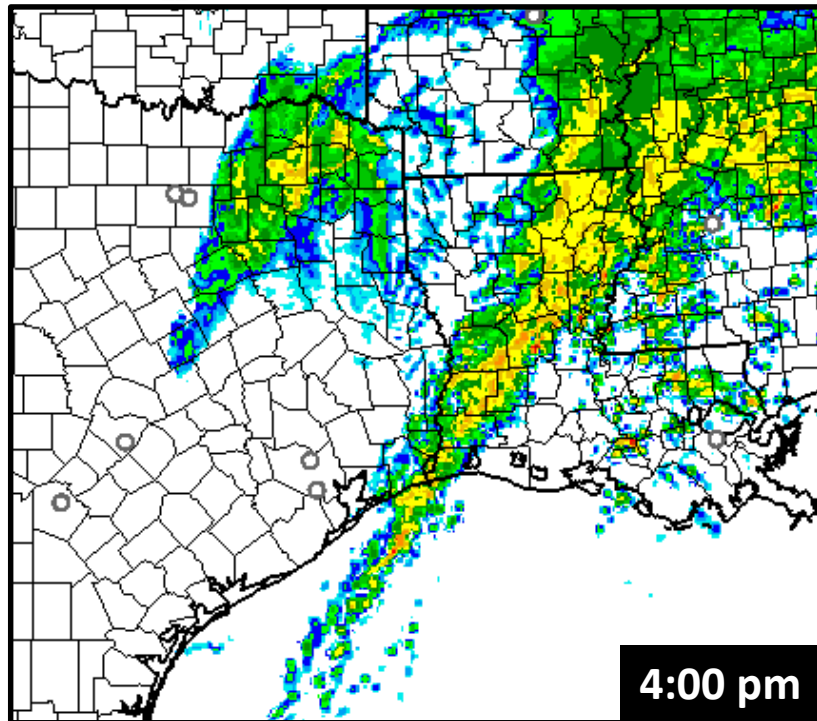






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# Severe Weather Timing Today/Tonight



A line of strong to severe storms will move west to east across the region this afternoon and evening. Trailing areas of rain will linger in east Texas and central Louisiana after midnight.



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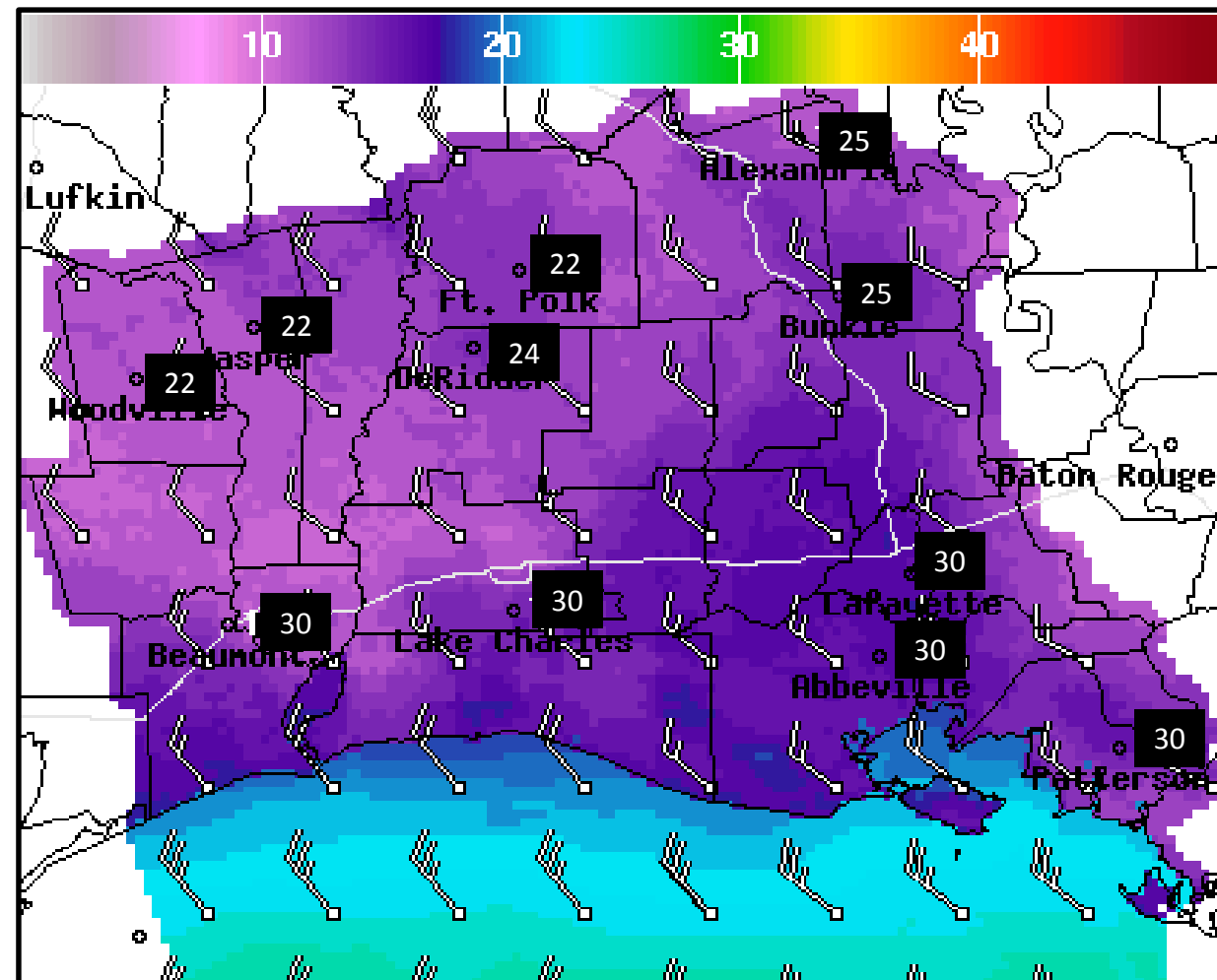
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A wind advisory is in effect for much of our region, starting this evening and continuing through Friday. Strong northwest winds of 20 mph could gust up to 30 mph or more, especially along and south of the I-10 corridor.

## High Winds Expected Friday



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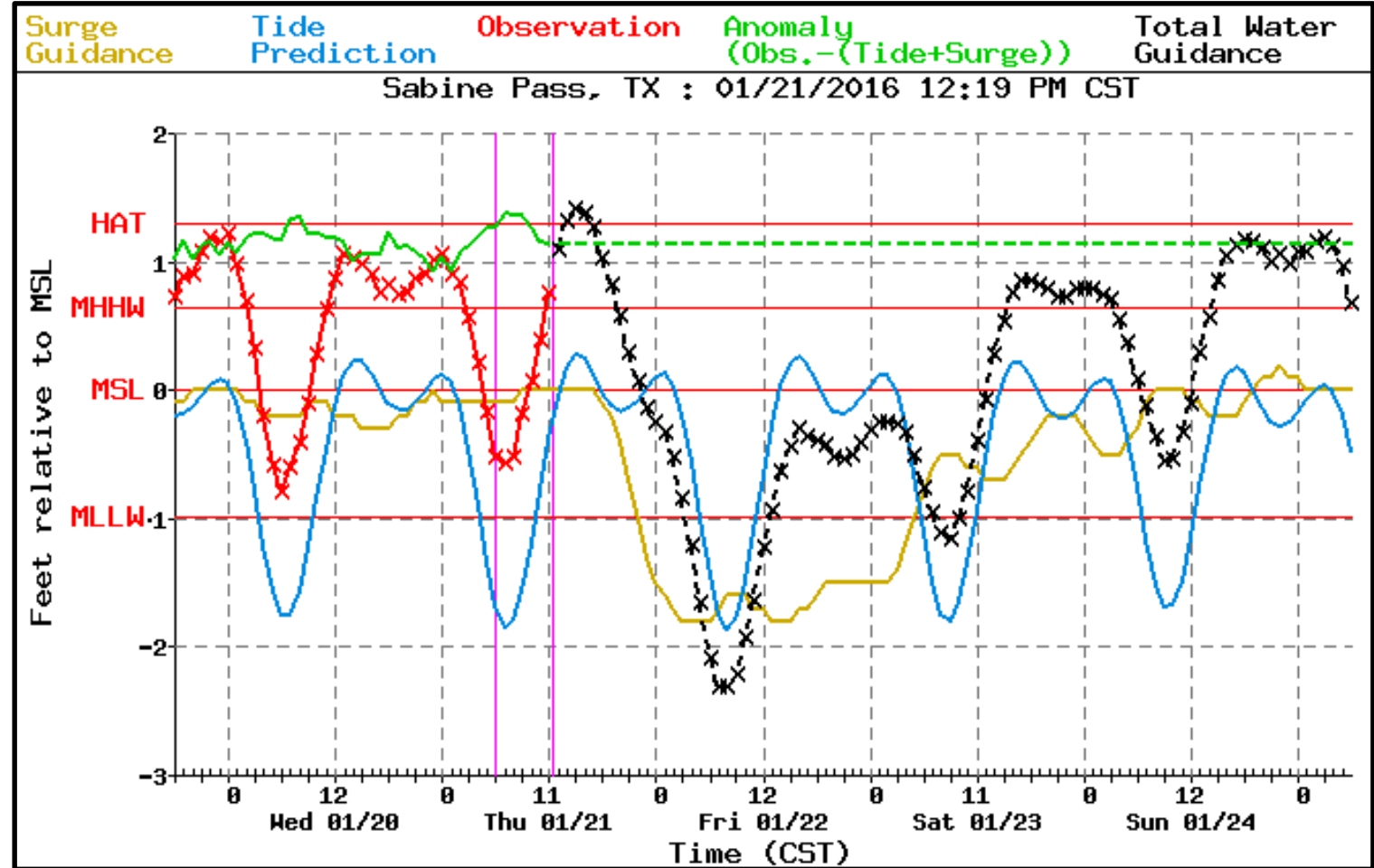
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# Low Water Advisory Through Saturday Morning

Tides could go 2 feet below mean sea level, or 1 foot below MLLW on Friday morning. A low water advisory is in effect for the Sabine-Neches area and the Calcasieu Pass area.



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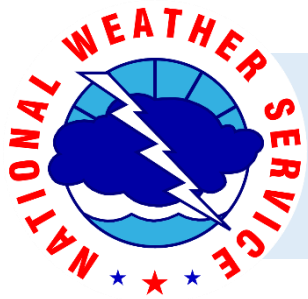


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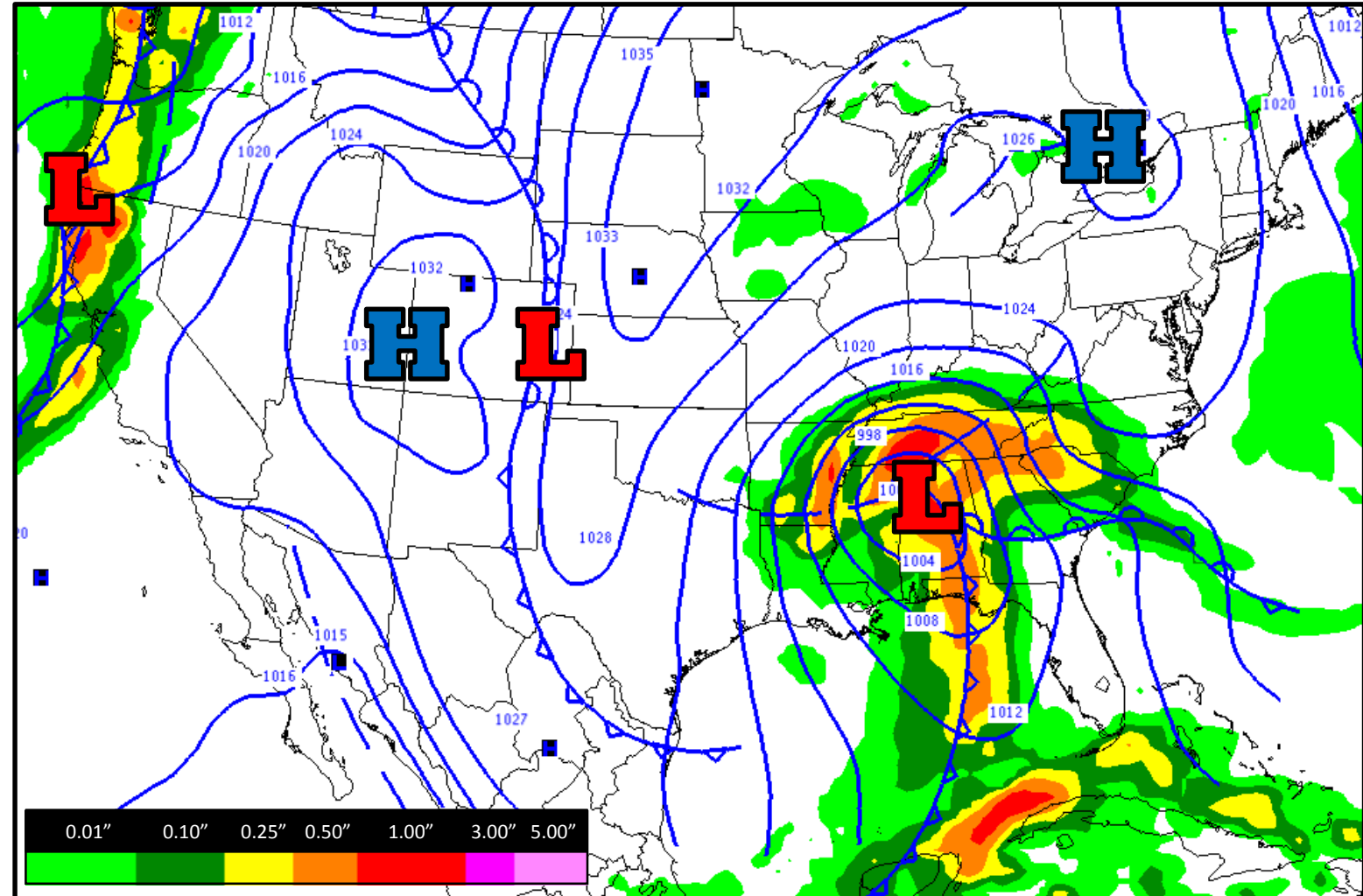




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# 6 am Friday January 22 2016

Low Temperature	40-48 F
High Temperature	45-50 F
Wind	NW 15-20 mph Gusts 30 mph
Rain Chances	20-30% early am
Weather Hazards	Rain



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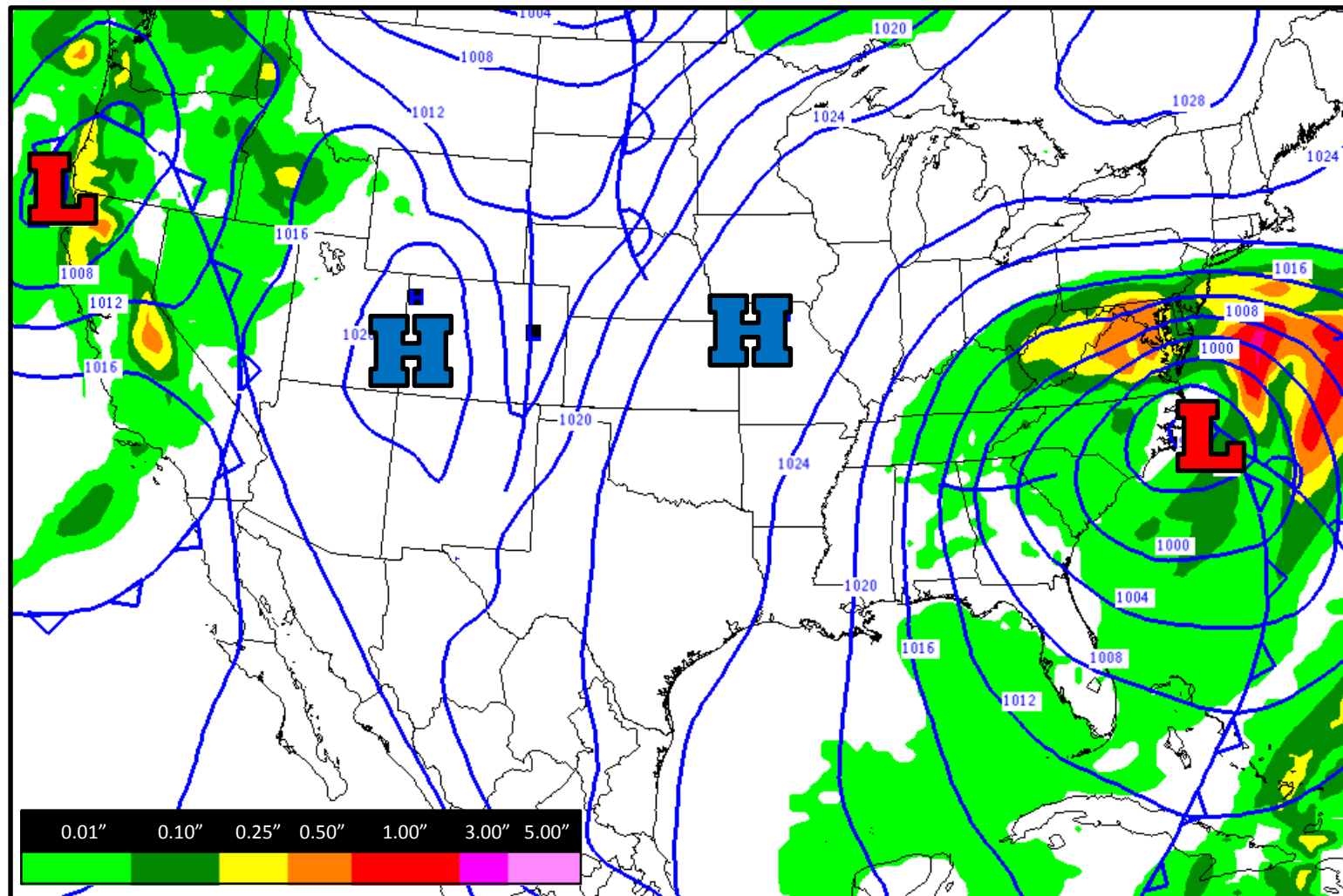
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# 6 am Saturday January 23 2016

Low Temperature	29-34 F
High Temperature	50-55 F
Wind	NW 10-15 mph
Rain Chances	0%
Weather Hazards	Light freeze



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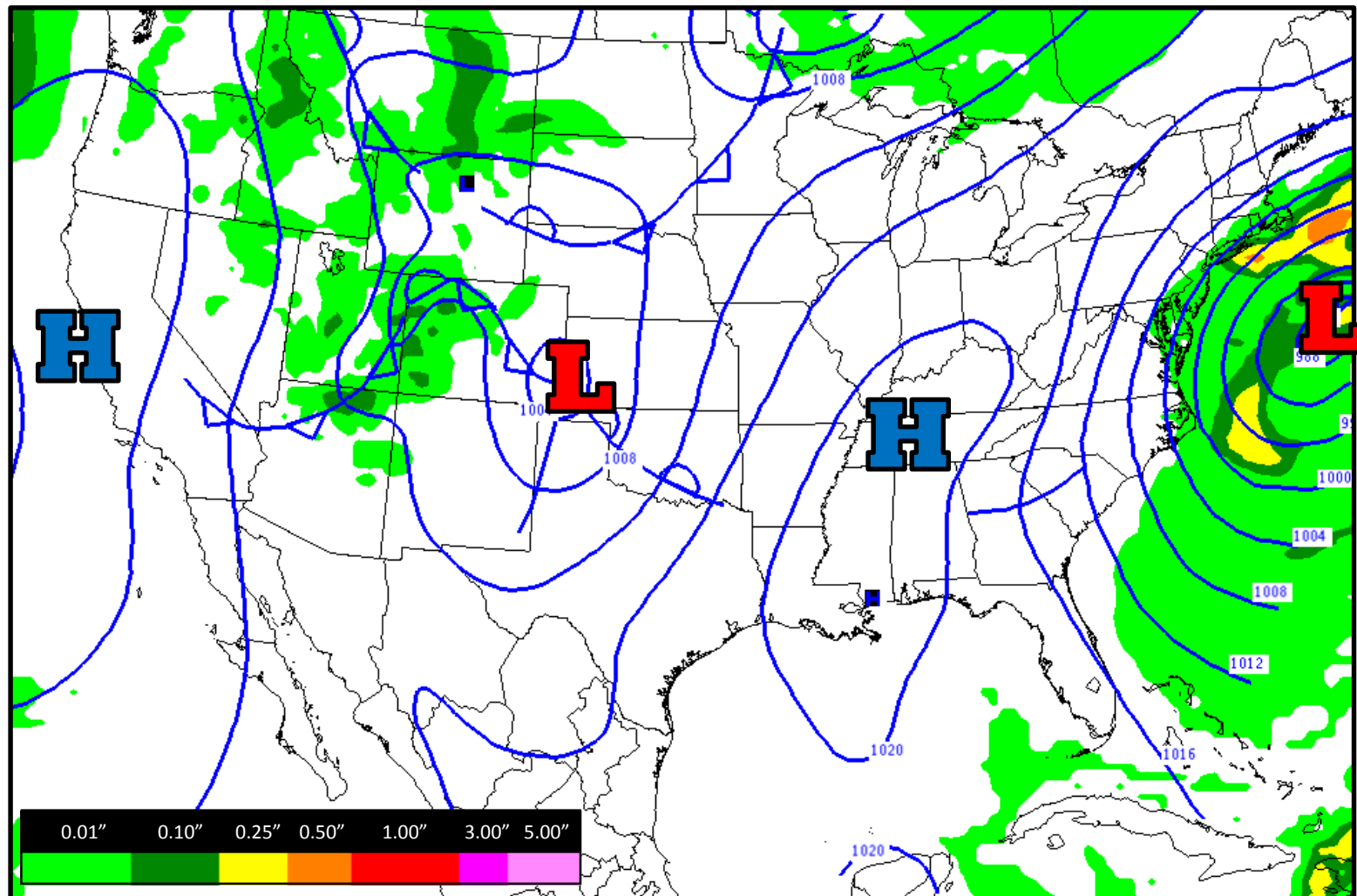
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# 6 am Sunday January 24 2016

Low Temperature	30-38 F
High Temperature	57-63 F
Wind	SE 10-15 mph
Rain Chances	0%
Weather Hazards	Patchy Fog AM



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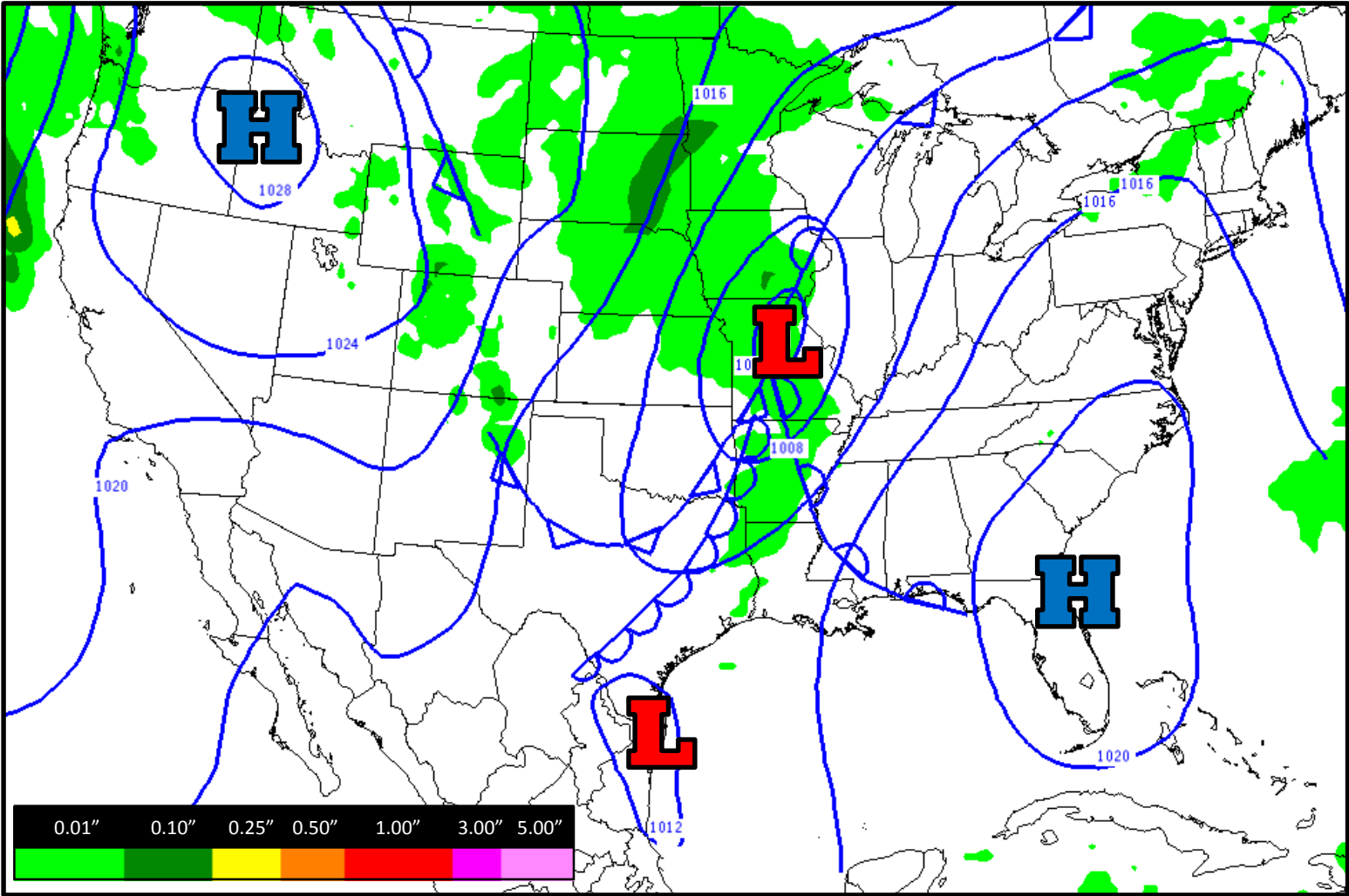




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6 am Monday January 25 2016

Low Temperature	45-55 F
High Temperature	65-70 F
Wind	SW 10-15 mph
Rain Chances	20-30%
Weather Hazards	Patchy Fog AM Thunderstorms



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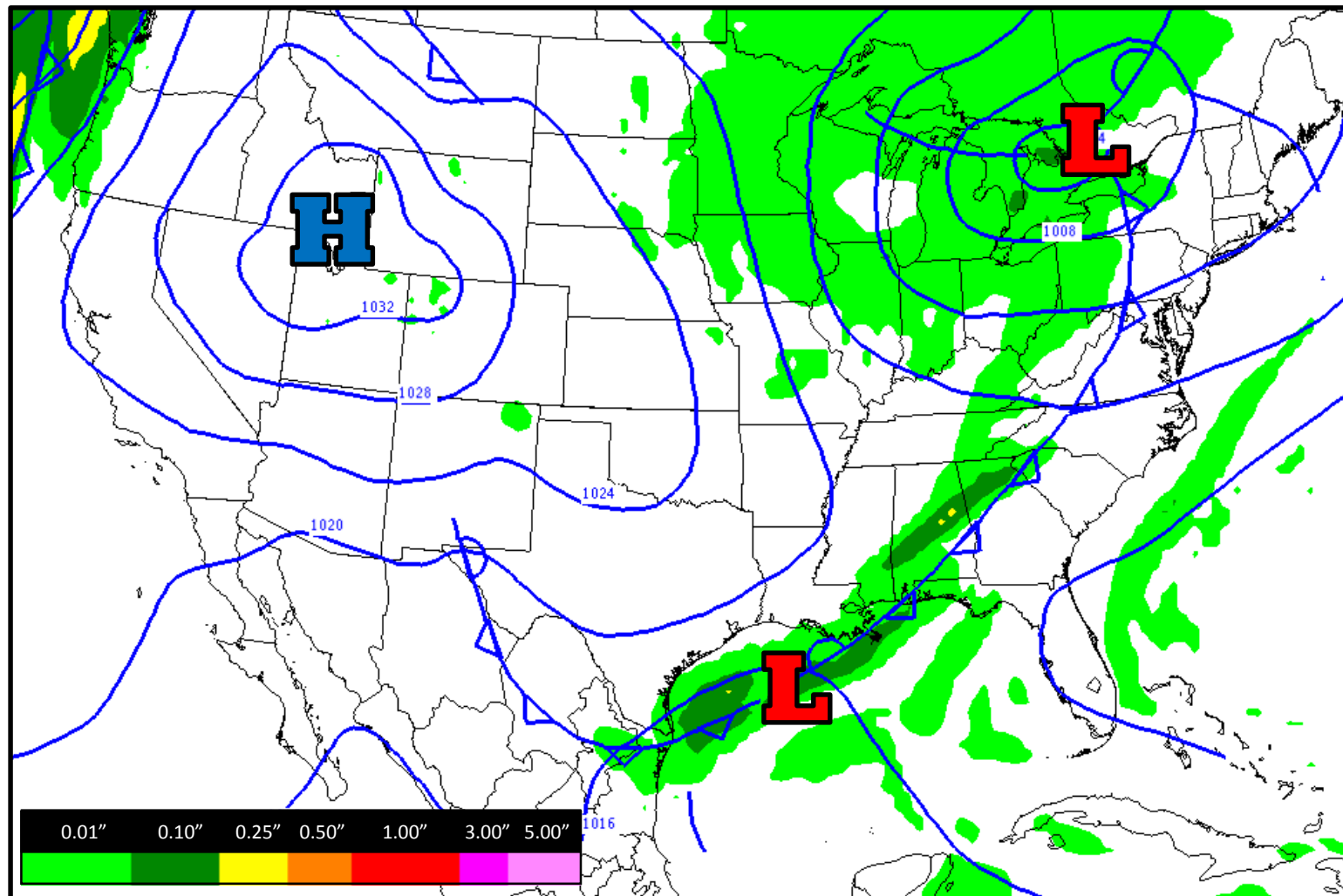
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# 6 am Tuesday January 26 2016

Low Temperature	45-50 F
High Temperature	55-60 F
Wind	N 10-15 mph
Rain Chances	30-40%
Weather Hazards	Patchy Fog AM Thunderstorms



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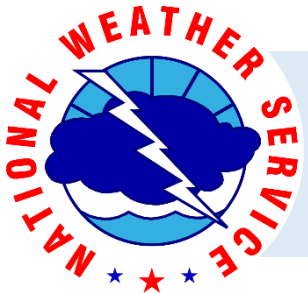
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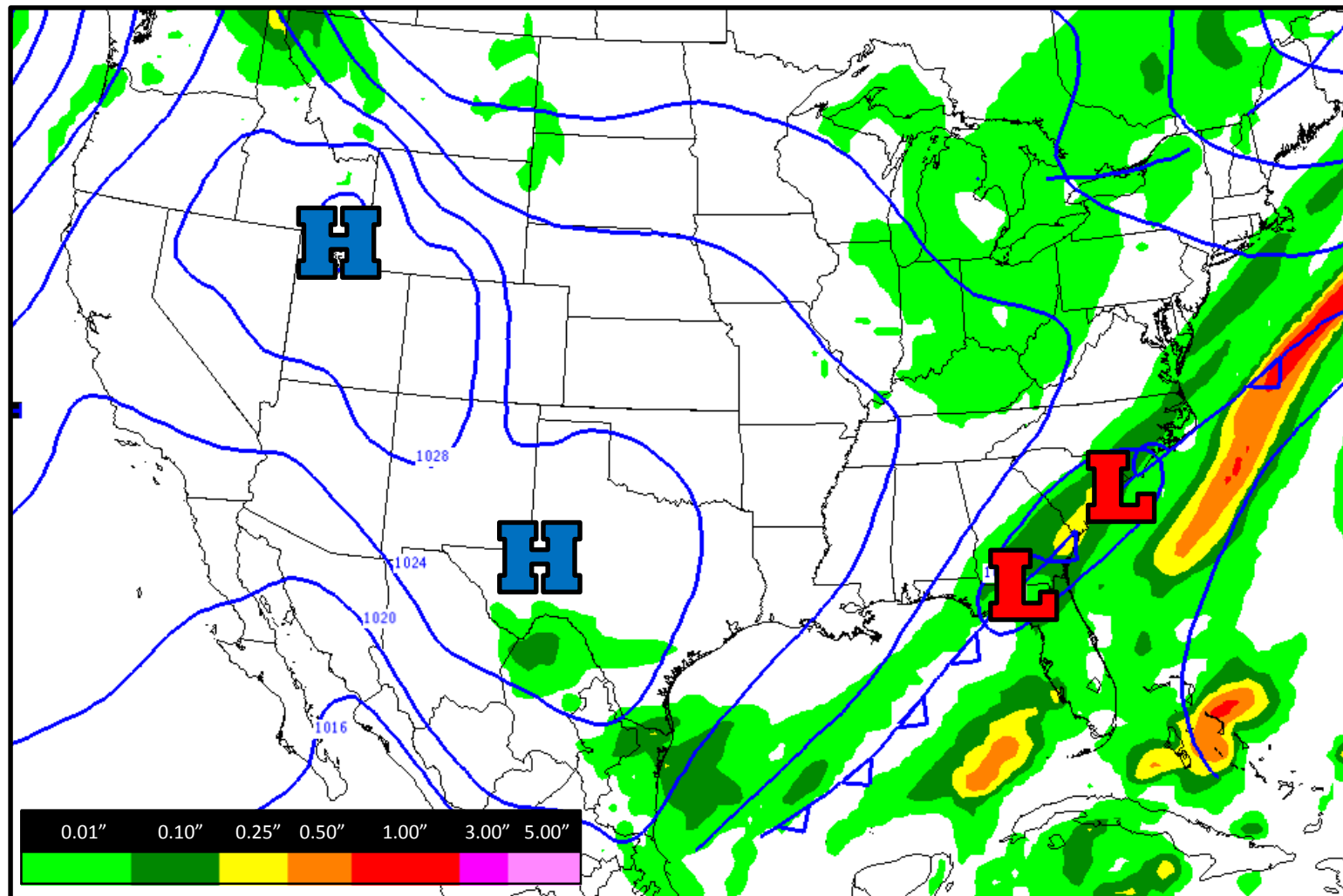
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# 6 am Wednesday January 27 2016

Low Temperature	35-40 F
High Temperature	53-57 F
Wind	NW 10-15 mph
Rain Chances	20%
Weather Hazards	Rain



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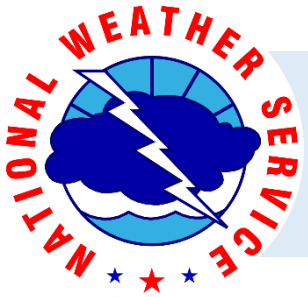


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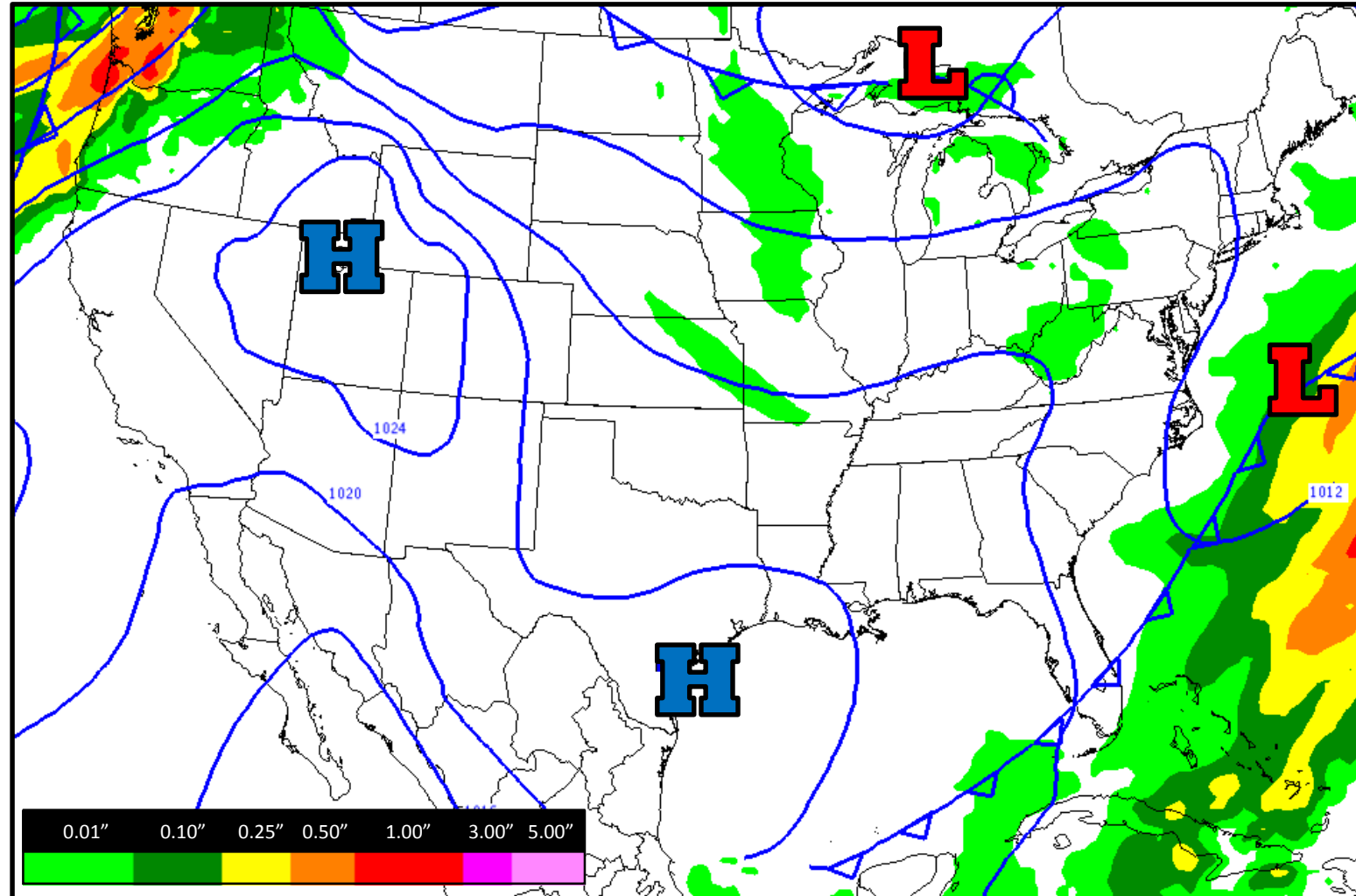




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# 6 am Thursday January 28 2016

Low Temperature	35-40 F
High Temperature	55-60 F
Wind	W 10-15 mph
Rain Chances	5%
Weather Hazards	None



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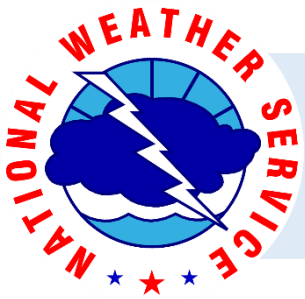
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# Weekly Weather Summary Table

## Color Codes Except for Temperatures

Yellow = Low Threat

Orange = Moderate Threat

Red = High Threat

## Color Codes For Temperatures

Yellow=5 F above normal

Orange=10 F above normal

Red=15 F above normal

Vry Lt Blue=5 F below normal

Lt Blue=10 F below normal

Blue=15 F below normal

Weather	Friday 1/22/16	Saturday 1/23/16	Sunday 1/24/16	Monday 1/25/16	Tuesday 1/26/16	Wednesday 1/27/16	Thursday 1/28/16
Rain Total	<0.10" Cenla	None	None	<0.10"	0.10-0.25"	0.10-0.25"	None
T-Storm/ Lightning	None	None	None	Isolated	Isolated	Isolated	None
Tornado/Hail /Dmg Wind	None	None	None	None	None	None	None
Fog	None	None	Patchy	Patchy	Patchy	None	None
Wind	NW 15-20 mph Gust 30 mph	NW 10-15 mph	SE 10-15 mph	SW 10-15 mph	N 10-15 mph	NW 10-15 mph	W 10-15 mph
Tide	Below Normal	Near Normal	Near Normal	Near Normal	Near Normal	Near Normal	Near Normal
Wave Height	Near: 3-5 ft Off: 6-10 ft	Near: 2-4 ft Off: 5-8 ft	Near: 2-3 ft Off: 3-5 ft	Near: 2-3 ft Off: 3-5 ft	Near: 2-3 ft Off: 3-5 ft	Near: 2-3 ft Off: 3-5 ft	Near: 2-3 ft Off: 3-5 ft
Temperature	Low: 40-48	Low: 29-34	Low: 30-38	Low: 45-55	Low: 45-50	Low: 35-40	Low: 35-40
	High: 45-50	High: 50-55	High: 57-63	High: 65-70	High: 55-60	High: 53-57	High: 55-60



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# Weekly Weather Summary

- Strong to severe storms will be ending west to east this afternoon and evening.
- It will be very windy behind the storms, with northwest winds of 15 to 20 mph with gusts to 30 mph possible through Friday. Tides along the coast will run below normal.
- This weekend will be dry and cooler than normal. A light freeze is expected in central Louisiana Saturday morning.
- Small rain chances return to the forecast early next week.
- The Atchafalaya River is near a crest at Morgan City, and has crested further to the north. Water levels will slowly fall over the next week.



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